

Product datasheet for **RC210184L4V**

KCNJ5 (NM_000890) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	KCNJ5 (NM_000890) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KCNJ5
Synonyms:	CIR; GIRK4; KATP1; KIR3.4; LQT13
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000890
ORF Size:	1257 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210184).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_000890.3
RefSeq Size:	2912 bp
RefSeq ORF:	1260 bp
Locus ID:	3762
UniProt ID:	P48544
Cytogenetics:	11q24.3
Domains:	IRK
Protein Families:	Druggable Genome, Ion Channels: Potassium, Transmembrane



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MW: 47.5 kDa

Gene Summary: This gene encodes an integral membrane protein which belongs to one of seven subfamilies of inward-rectifier potassium channel proteins called potassium channel subfamily J. The encoded protein is a subunit of the potassium channel which is homotetrameric. It is controlled by G-proteins and has a greater tendency to allow potassium to flow into a cell rather than out of a cell. Naturally occurring mutations in this gene are associated with aldosterone-producing adenomas. [provided by RefSeq, Aug 2017]